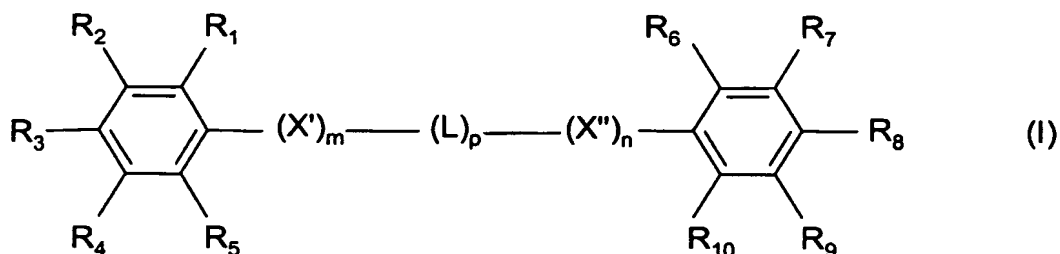


CLAIMS

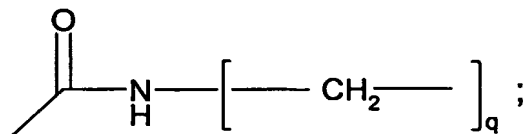
What is claimed is:

1. A compound having the general formula:



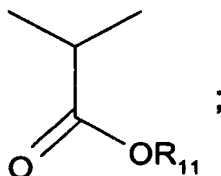
- 5 wherein:

X' and X'' are each independently selected from the group consisting of alkyl, alkylene, oxygen, oxy, oxyalkyl, alkyloxy, alkyloxyalkyl, and



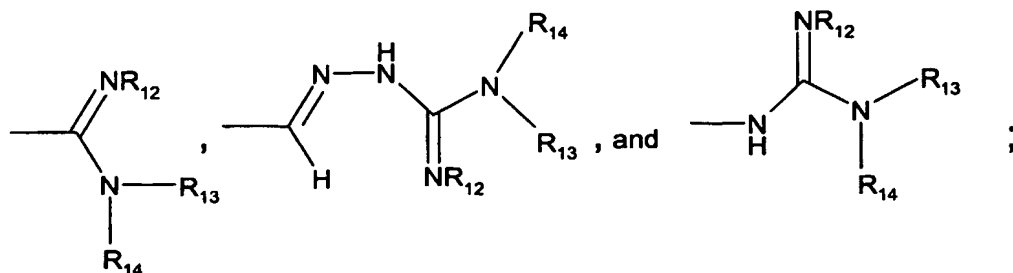
m, n, p, and q are each independently an integer from 0 to 10;

- 10 L is selected from the group consisting of hydroxyalkyl, 1,2-oxazole, 1,3-oxazole, phenyl, naphthyl, pyrimidine, alkyl-substituted pyrimidine and



wherein R₁₁ is H or alkyl;

- 15 R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, R₉, and R₁₀ are each independently selected from the group consisting of H, alkyl, hydroxyl, oxyalkyl, alkyloxy, halo, aryl, and Y, wherein at least one of R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, R₉, and R₁₀ is Y, and Y is selected from the group consisting of:



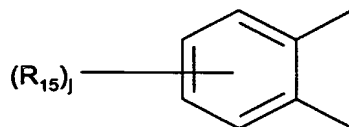
wherein:

R_{12} is selected from the group consisting of H, hydroxyl, cycloalkyl, aryl, aralkyl, alkoxy, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxy, and alkylaminoalkyl;

R_{13} and R_{14} are each independently selected from the group consisting of H, hydroxyl, alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl;

or R_{12} and R_{13} together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or alkylene;

or R_{12} and R_{13} together are:



wherein:

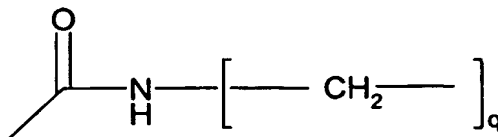
j is an integer from 1 to 3, and R_{15} is H or Y, as set forth above.

2. The compound according to Claim 1, wherein:

p , m and n are each 1;

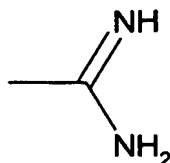
L is alkyl;

X' and X'' are each

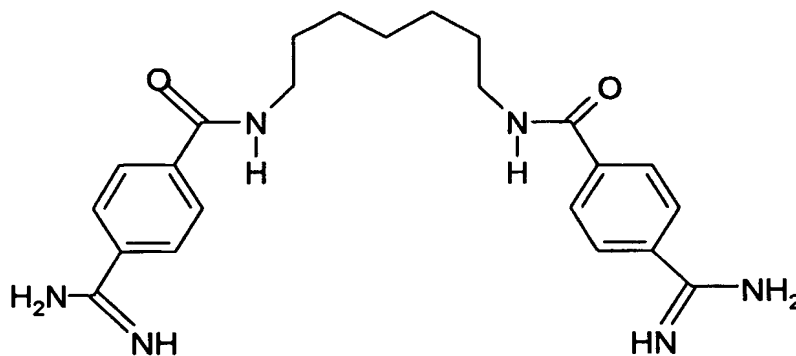


wherein q is an integer from 1 to 10; and

R_3 and R_8 are



3. The compound according to Claim 2, wherein the compound has the following structure:



5

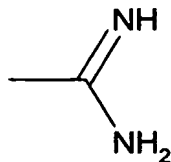
4. The compound according to Claim 1, wherein:

m, n and p are each 1;

X' and X'' are each oxyalkyl;

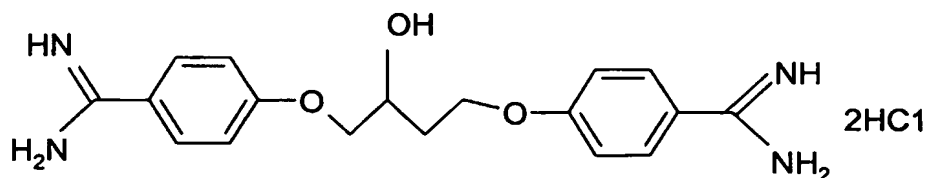
L is hydroxyalkyl;

and R₃ and R₈ are



10

5. The compound according to Claim 4, wherein the compound has the following structure:



15

6. The compound according to Claim 1, wherein:

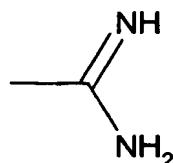
m and n are 1;

p is 8;

X' and X'' are each oxygen;

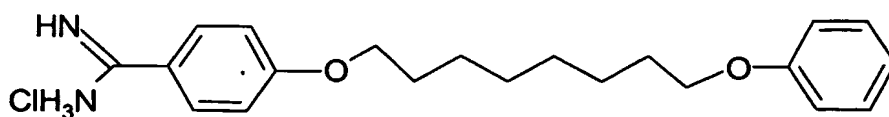
L is methylene; and

R₃ is:

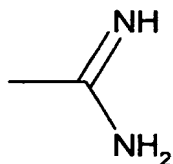


or a pharmaceutically acceptable salt thereof.

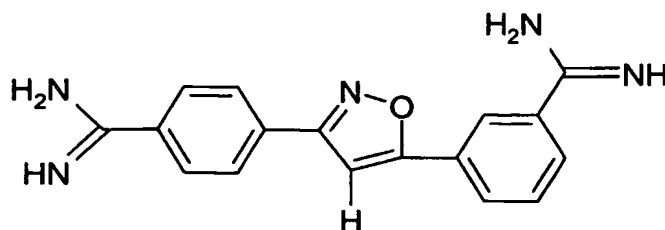
- 5 7. The compound according to Claim 6, wherein the compound has the following structure:



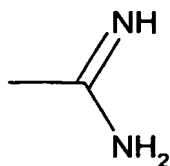
- 10 8. The compound according to Claim 1, wherein:
 m and n are 0;
 p is 1;
 L is 1,2-oxazole; and
 R₃ and R₇ are



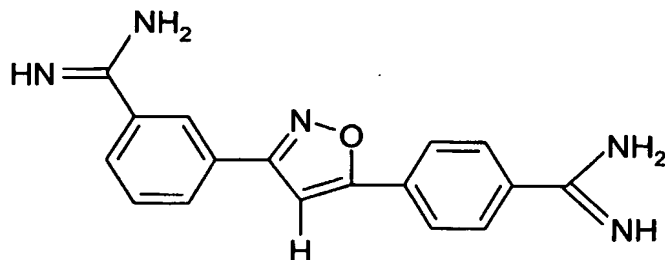
- 15 9. The compound according to Claim 8, wherein the compound has the following structure:



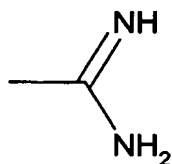
- 20 10. The compound according to Claim 1, wherein:
 m and n are 0;
 p is 1;
 L is 1,2-oxazole; and
 R₂ and R₈ are



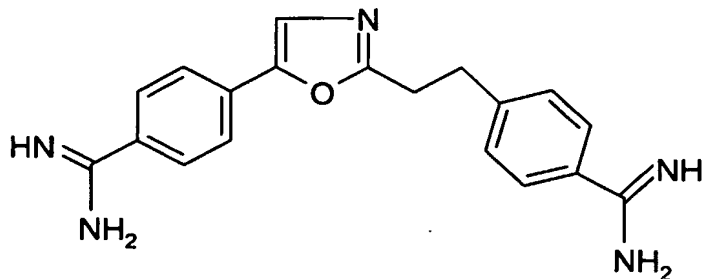
11. The compound according to Claim 10, wherein the compound has the following structure:



- 5 12. The compound according to Claim 1, wherein:
 m is 0;
 n and p are each 1;
 L is 1,3-oxazole;
 X'' is alkyl; and
 10 R₃ and R₈ are

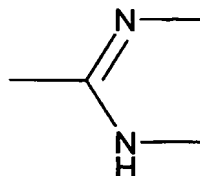


13. The compound according to Claim 12, wherein the compound has the following structure:

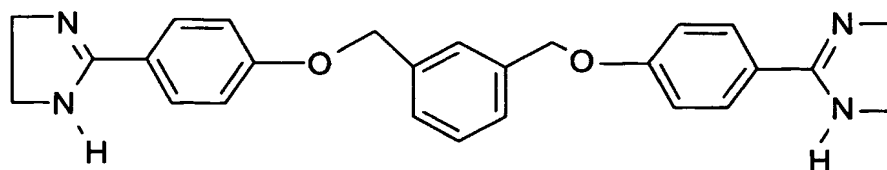


- 15 14. The compound according to Claim 1, wherein:
 m, n, and p are each 1;
 L is phenyl;

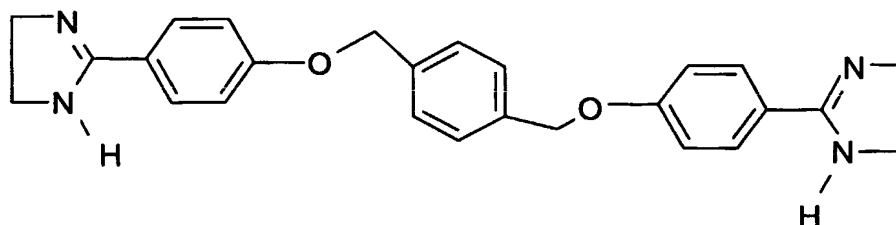
X' and X'' are each oxyalkyl; and
R₃ and R₈ are each



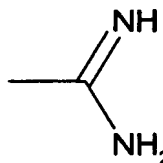
15. The compound according to claim 14, wherein the compound has the following structure:



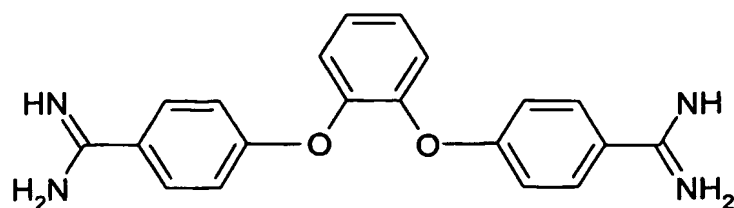
16. The compound according to claim 14, wherein the compound has the following structure:



17. The compound according to Claim 1, wherein:
m, n, and p are each 1;
L is phenyl;
X' and X'' are each oxygen; and
R₃ and R₈ are each



18. The compound according to Claim 17, wherein the compound has the following structure:



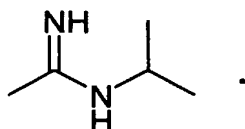
19. The compound according to Claim 1, wherein:

m, n, and p are each 1;

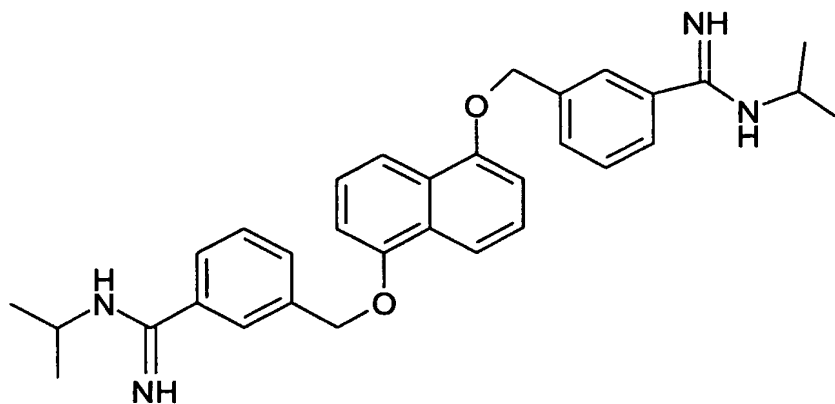
L is naphthyl;

X' and X'' are each oxyalkyl; and

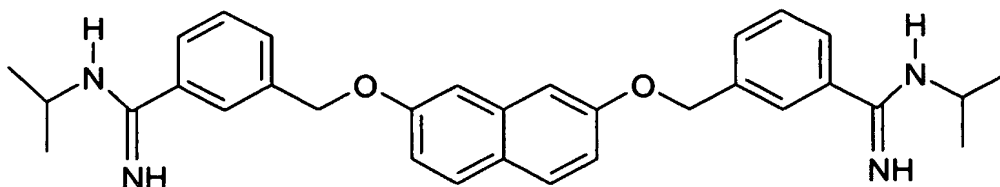
R₄ and R₇ are each



20. The compound according to Claim 19, wherein the compound has the following structure:



21. The compound according to Claim 19, wherein the compound has the following structure:

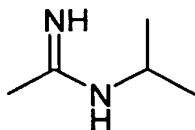


22. The compound according to Claim 1, wherein:

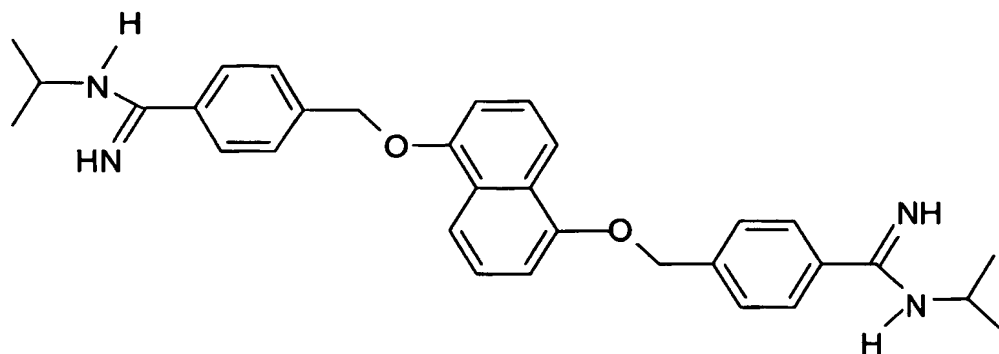
m, n, and p are each 1;

L is naphthyl;

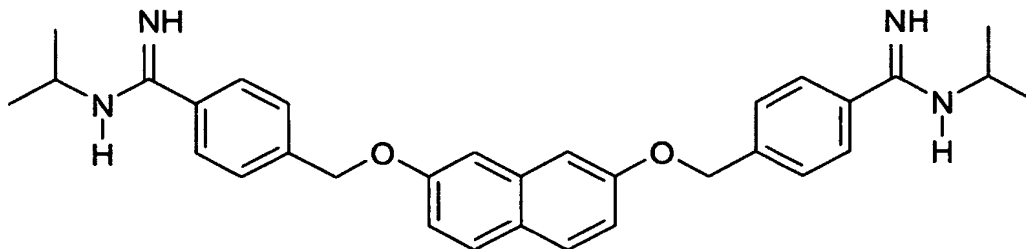
X' and X'' are each oxyalkyl; and
R₃ and R₈ are each



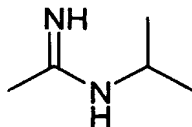
23. The compound according to Claim 22, wherein the compound has
5 the following structure:



24. The compound according to Claim 22, wherein the compound has
the following structure:

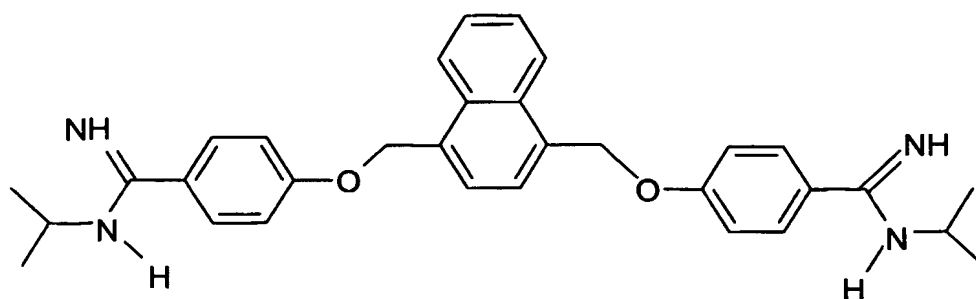


10 25. The compound according to Claim 1, wherein:
m, n, and p are each 1;
L is naphthyl;
X' and X'' are each oxyalkyl; and
R₃ and R₈ are each

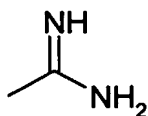


15

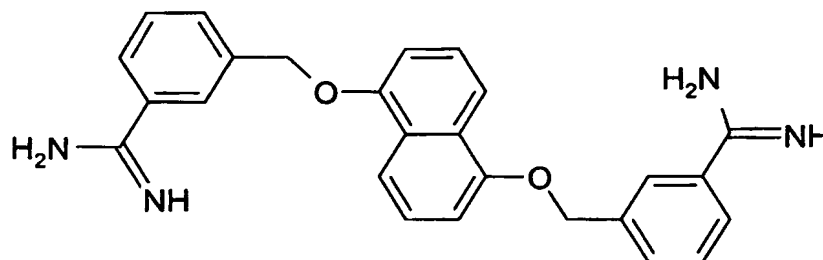
26. The compound according to Claim 25, wherein the compound has
the following structure:



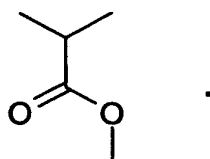
27. The compound according to Claim 1, wherein:
 m, n, and p are each 1;
 L is naphthyl;
 X' and X'' are each oxyalkyl; and
 R₄ and R₇ are each



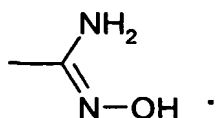
28. The compound according to Claim 27, wherein the compound has the following structure:



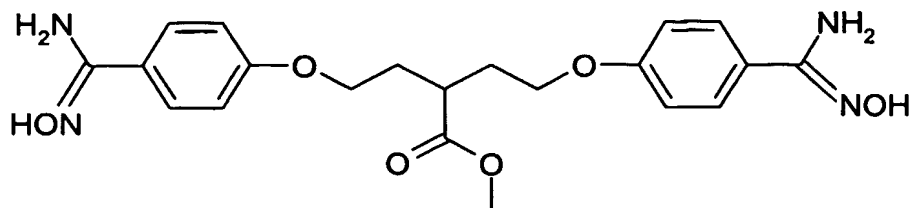
29. The compound according to Claim 1, wherein:
 m, n, and p are each 1;
 L is



- X' and X'' are each oxyalkyl; and
 R₃ and R₈ are each



30. The compound according to Claim 29, wherein the compound has the following structure:



5

31. The compound according to Claim 1, wherein:

p, m and n are each 1;

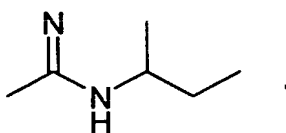
L is alkyl;

X' and X'' are each oxyalkyl;

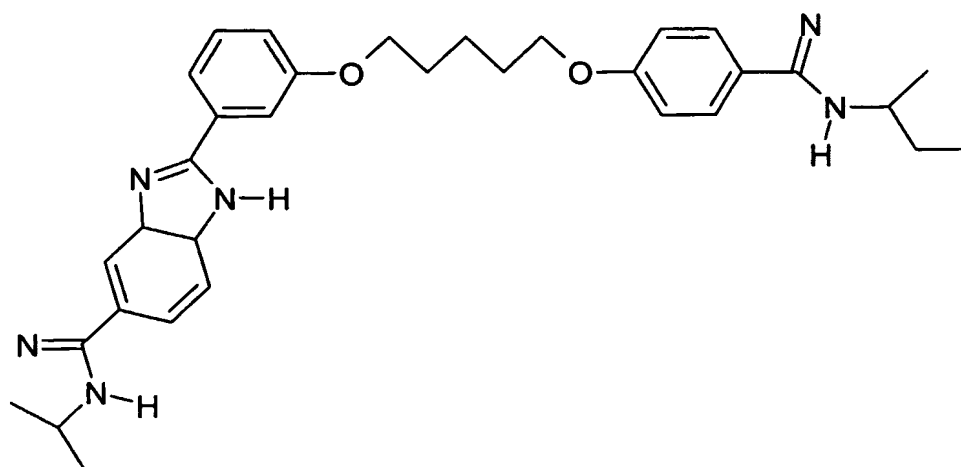
R₄ is alkyl-substituted benzimidazole; and

10

R₈ is



32. The compound according to Claim 31, wherein the compound has the following structure:



15

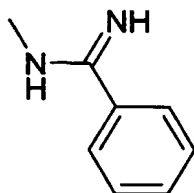
33. The compound according to Claim 1, wherein:

p, m and n are each 1;

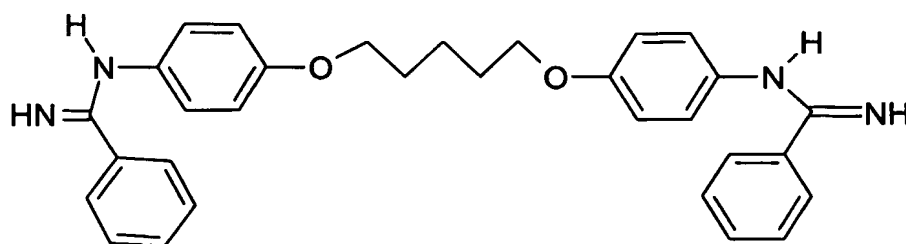
L is alkyl;

X' and X'' are each oxyalkyl; and

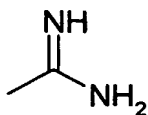
R₃ and R₈ are each



- 5 34. The compound according to Claim 33, wherein the compound has the following structure:

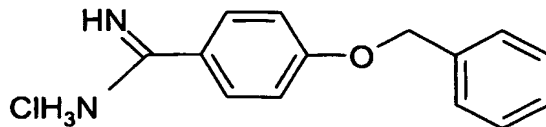


- 10 35. The compound according to Claim 1, wherein:
 p and n are each 0;
 m is 1;
 X' is oxyalkyl; and
 R₃ is



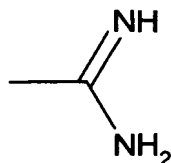
- 15 or a pharmaceutically acceptable salt thereof.

36. The compound according to Claim 35, wherein the compound has the following structure:



- 20 37. The compound according to Claim 1, wherein:
 n and p are each 0;

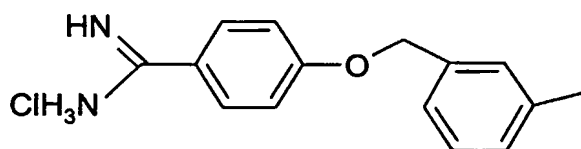
m is 1;
 X' is oxyalkyl;
 R₈ is alkyl; and
 R₃ is



5

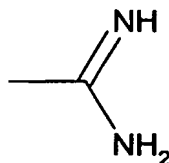
or a pharmaceutically acceptable salt thereof.

38. A compound according to Claim 37, wherein the compound has the following structure:



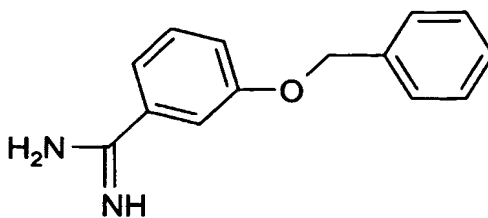
10

39. The compound according to Claim 1, wherein:
 n and p are each 0;
 m is 1;
 X' is oxyalkyl;
 R₈ is hydrogen; and
 R₄ is



15

40. The compound according to Claim 39, wherein the compound has the following structure:



20

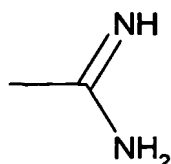
41. A compound according to Claim 1, wherein:

n and m are each 0;

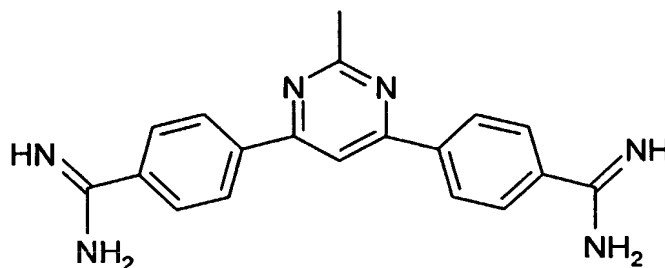
p is 1;

L is alkyl-substituted pyrimidine; and

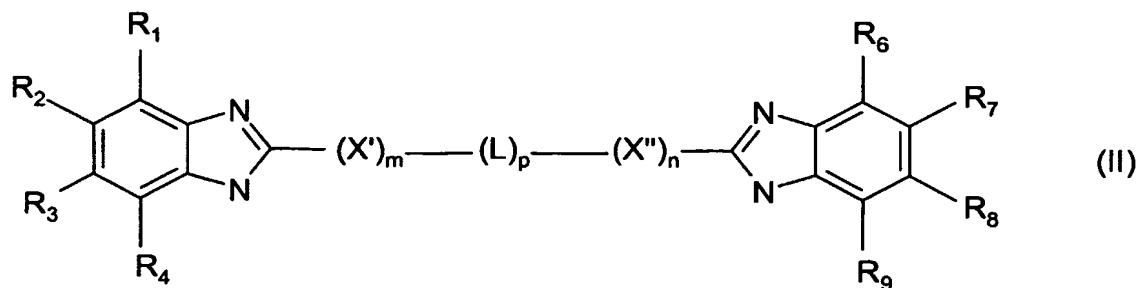
R₃ and R₈ are each



42. The compound according to Claim 41, wherein the compound has the following structure:



43. A compound having the general formula:



wherein:

m is an integer from 0 to 5;

n is an integer from 0 to 5;

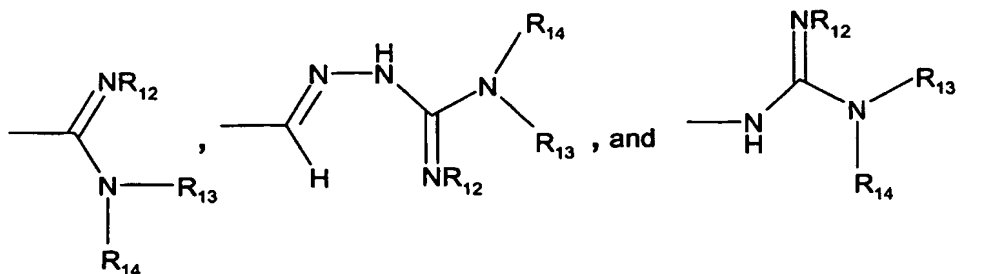
p is an integer from 0 to 5;

X' and X'' are each independently phenyl or thiophene;

L is selected from the group consisting of C₁₋₁₀ straight chain alkyl, C₁₋₁₀ branched chain alkyl, cycloalkyl, phenyl, naphthyl, and alkyl-substituted phenyl;

R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, and R₉ are each independently selected from the group consisting of H, alkyl, hydroxyl, alkyloxy, oxyalkyl, halo, aryl, and

Y, wherein at least one of R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, and R₉ is Y, and Y is selected from the group consisting of:



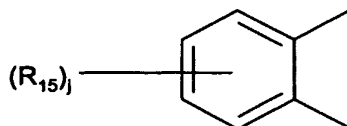
wherein:

- 5 R₁₂ is selected from the group consisting of H, hydroxyl, cycloalkyl, aryl, aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxyl, and alkylaminoalkyl;

- R₁₃ and R₁₄ are each independently selected from the group consisting of H, hydroxyl, alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl;

or R₁₂ and R₁₃ together represent a C₂ to C₁₀ alkyl, hydroxyalkyl, or alkylene;

or R₁₂ and R₁₃ together are:



- 15 wherein:

j is an integer from 1 to 3, and R₁₅ is H or Y, as set forth above.

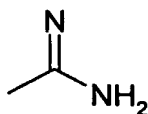
44. The compound according to Claim 43, wherein:

p is 0;

m and n are each 1;

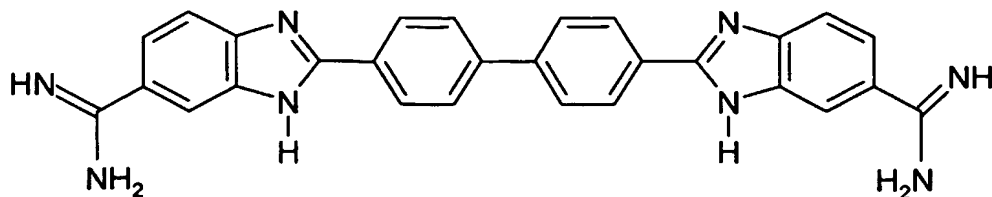
- 20 X' and X'' are each phenyl; and

R₃ and R₈ are each

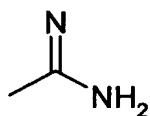


45. The compound according to Claim 44, wherein the compound has

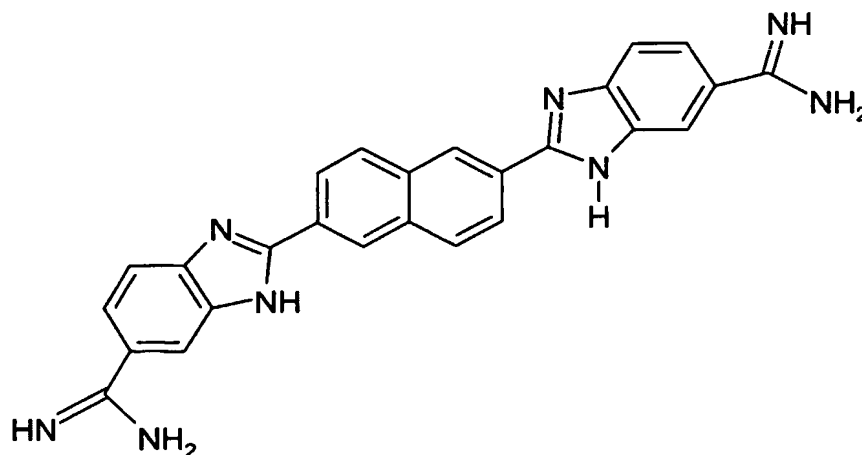
the following structure:



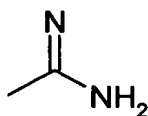
46. The compound according to Claim 43, wherein,
 m and n are each 0;
 p is 1;
 L is naphthyl; and
 R₃ and R₈ are each



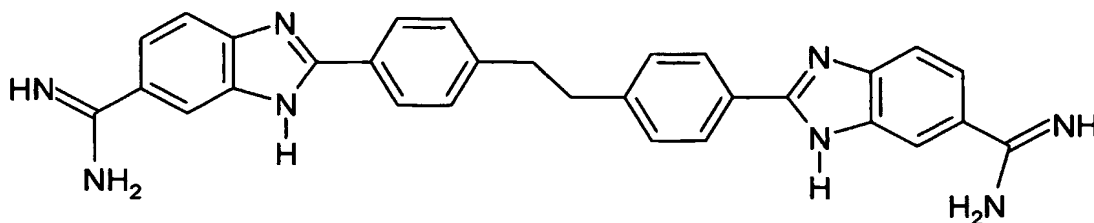
47. The compound according to Claim 46, wherein the compound has
 the following structure:



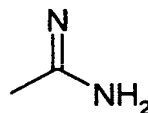
48. The compound according to Claim 43, wherein,
 m and n are each 1;
 p is 2;
 X' and X'' are each phenyl;
 L is alkyl; and
 R₃ and R₈ are each



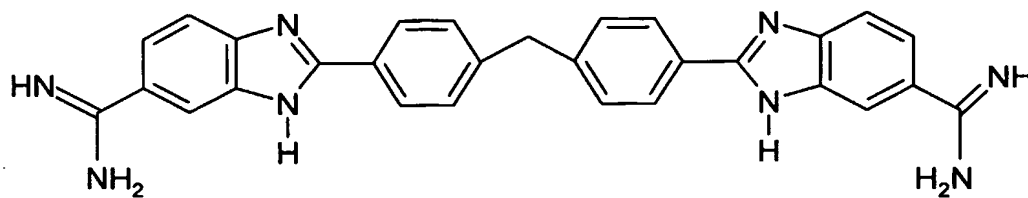
49. The compound according to Claim 48, wherein the compound has the following structure:



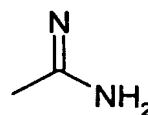
50. The compound according to Claim 43, wherein:
 m, n, and p are each 1;
 X' and X'' are each phenyl;
 L is alkyl; and
 R₃ and R₈ are each



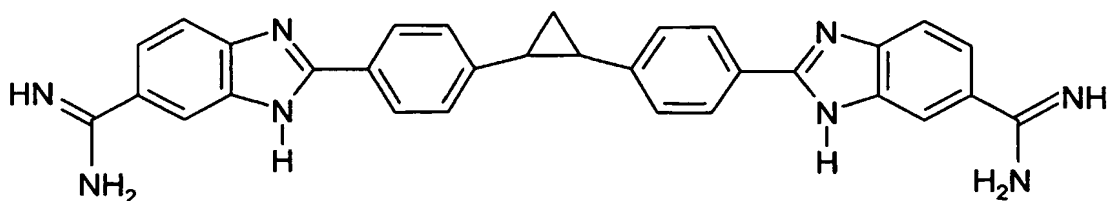
51. The compound according to Claim 50, wherein the compound has the following structure:



52. The compound according to claim 43, wherein:
 m, n, and p are each 1;
 X' and X'' are each phenyl;
 L is cycloalkyl; and
 R₃ and R₈ are each



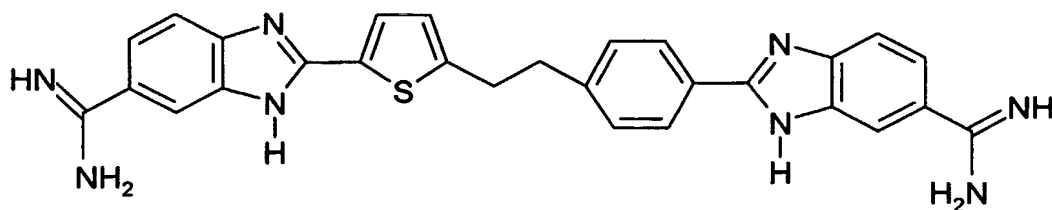
53. The compound according to Claim 52, wherein the compound has the following structure:



54. The compound according to claim 43, wherein:
 5 m, n, and p are each 1;
 L is alkyl;
 X' is thiophene;
 X'' is phenyl; and
 R₃ and R₈ are each



55. The compound according to Claim 54, wherein the compound has the following structure:

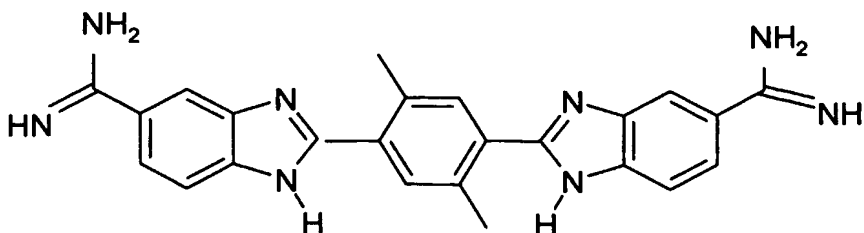


56. A compound according to claim 43, wherein:
 15 p is 1;
 m and n are each 0;
 L is alkyl-substituted phenyl;
 R₁, R₃, R₄, R₆, R₈, and R₉ are each hydrogen; and
 R₂ and R₇ are each



57. A compound according to claim 56, wherein the compound has

the following structure:



58. A compound according to claim 43, wherein:

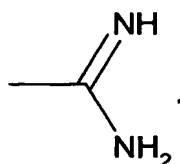
p, m, and n are each 1;

X' and X'' are each alkyl;

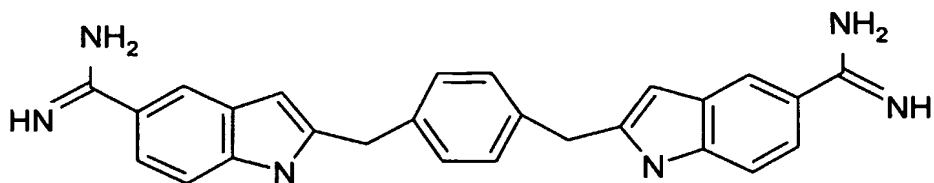
L is phenyl;

R₁, R₃, R₄, R₆, R₈, and R₉ are each hydrogen; and

R₂ and R₇ are each



59. The compound according to claim 58, wherein the compound has the following structure:



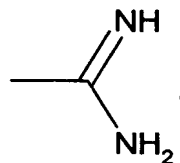
60. A compound according to claim 43, wherein:

p is 1;

m and n are each 0;

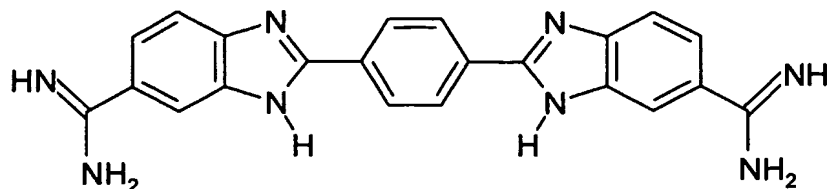
L is phenyl; and

R₃ and R₈ are



61. The compound according to claim 60, wherein the compound has

the following structure:



62. A compound according to Claim 43, wherein:

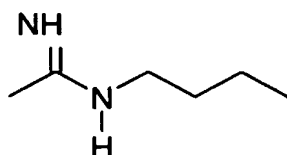
m and n are each 1;

p is 2;

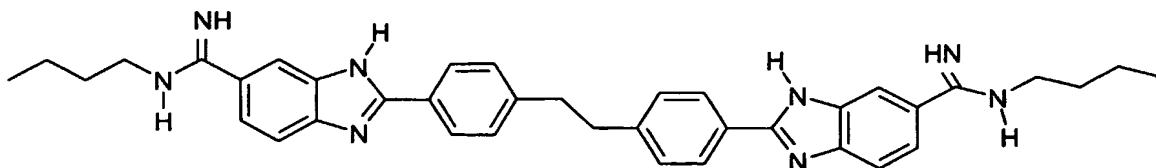
X' and X'' are each phenyl;

L is alkyl; and

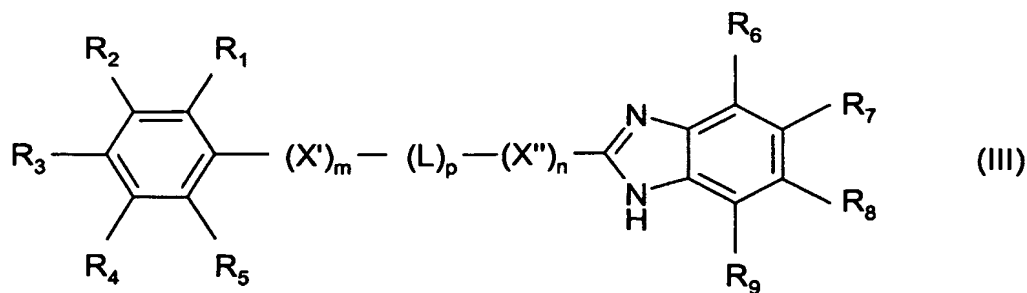
R₂ and R₇ are:



63. The compound according to Claim 62, wherein the compound has the following structure:



64. A compound having the general formula:



wherein:

L is phenyl, pyridine, or hydroxy-phenyl;

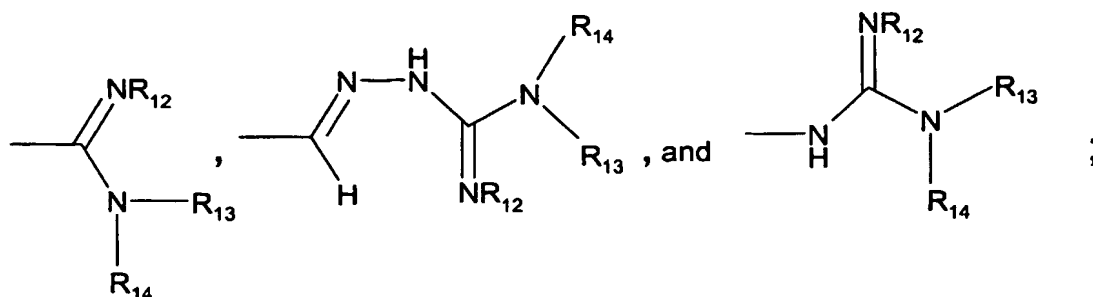
p, m and n are each independently an integer from 0 to 5;

X' and X'' are each independently selected from the group consisting of

C₁₋₁₀ straight chain alkyl, C₁₋₁₀ branched chain alkyl, and cycloalkyl;

R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, and R₉ are each independently selected from the group consisting of H, alkyl, hydroxyl, alkyloxy, oxyalkyl, halo, aryl, and Y, wherein at least one of R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, and R₉ is Y, and Y is

5 selected from the group consisting of:



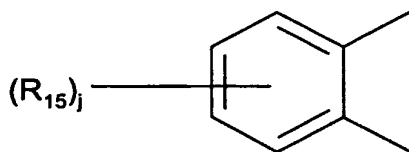
wherein:

R₁₂ is selected from the group consisting of H, hydroxyl, cycloalkyl, aryl, aralkyl, alkoxy, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxy, and alkylaminoalkyl;

R₁₃ and R₁₄ are each independently selected from the group consisting of H, hydroxyl, alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl;

or R₁₂ and R₁₃ together represent a C₂ to C₁₀ alkyl, hydroxyalkyl, or alkylene;

or R₁₂ and R₁₃ together are:



wherein:

j is an integer from 1 to 3, and R₁₅ is H or Y, as set forth above.

65. The compound according to Claim 65, wherein:

n is 0;

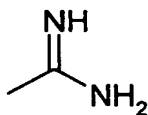
m and p are each 1;

L is phenyl;

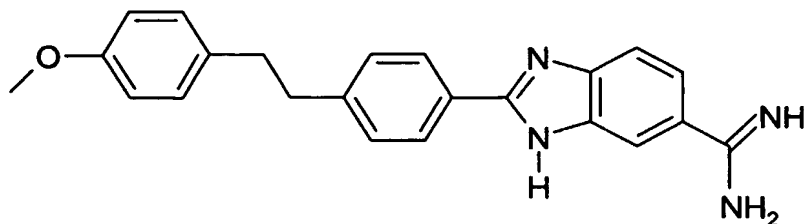
X' is alkyl;

R₃ is alkoxy; and

R₈ is



66. The compound according to Claim 65, wherein the compound has
5 the following structure:



67. The compound according to Claim 64, wherein:

n is 0;

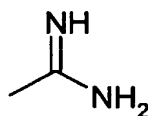
m and p are each 1;

L is phenyl;

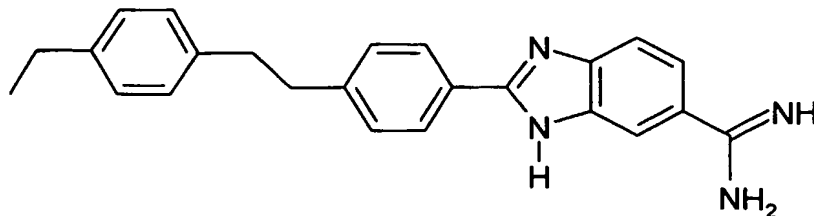
X' is alkyl;

R₃ is alkyl; and

R₈ is



68. The compound according to Claim 67, wherein the compound has
15 the following structure:



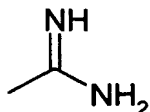
69. The compound according to Claim 64, wherein:

n is 0;

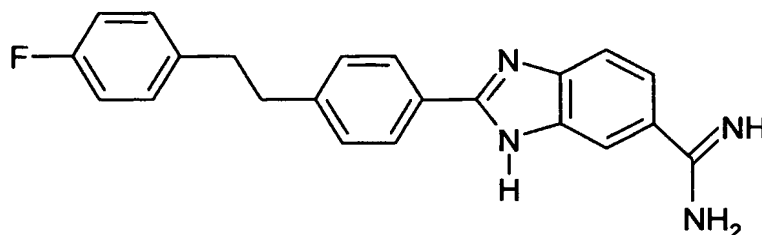
m and p are each 1;

L is phenyl;

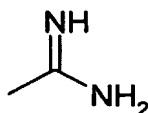
X' is alkyl;
 R₃ is halo; and
 R₈ is



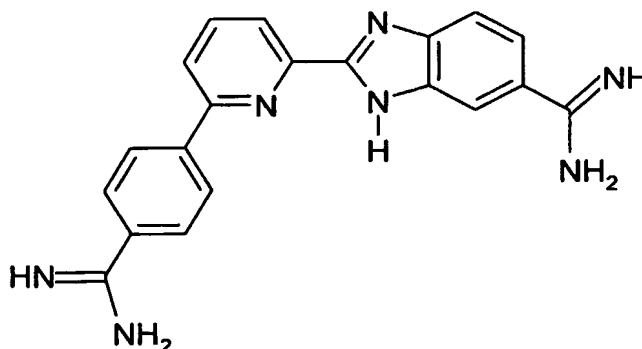
- 5 70. The compound according to Claim 69, wherein the compound has the following structure:



- 10 71. The compound according to Claim 64, wherein;
 m and n are each 0;
 p is 1;
 L is pyridine; and
 R₃ and R₈ are each

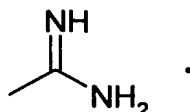


- 15 72. The compound according to Claim 71, wherein the compound has the following structure:

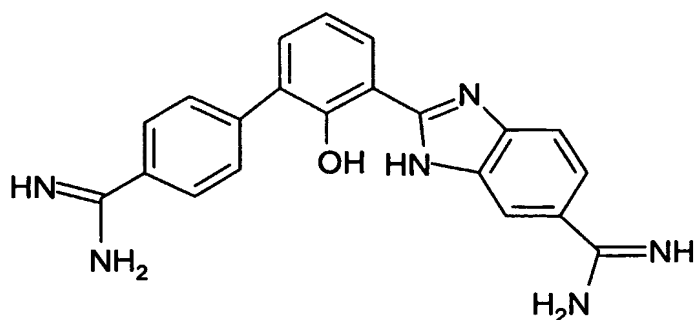


73. The compound according to Claim 64, wherein:
 p = 1;

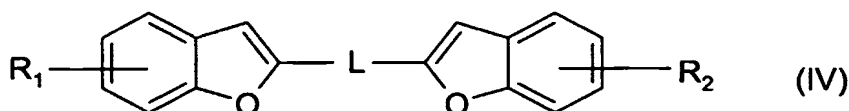
m and n are each 0;
L is hydroxy-phenyl; and
R₃ and R₈ are each



- 5 74. The compound according to Claim 73, wherein the compound has the following structure:



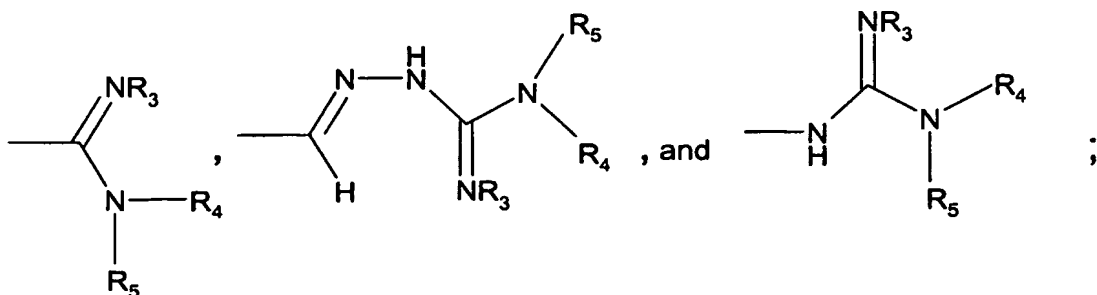
75. A compound having the general formula:



10

wherein L is selected from the group consisting of C₂₋₁₀ straight chain alkyl, C₁₋₁₀ branched chain alkyl, and cycloalkyl;

R₁ and R₂ are selected from the group consisting of:

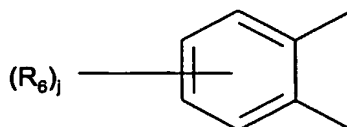


- 15 wherein R₃ is selected from the group consisting of H, hydroxyl, cycloalkyl, aryl, aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxyl, and alkylaminoalkyl;

R_4 and R_5 are each independently selected from the group consisting of H, hydroxyl, alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl;

or R_3 and R_4 together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or
 5 alkylene;

or R_4 and R_5 together are:



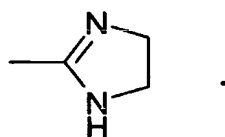
wherein:

j is a number from 1 to 3, and R_6 is selected from the group consisting of
 10 H and the groups from which R_1 and R_2 may be selected.

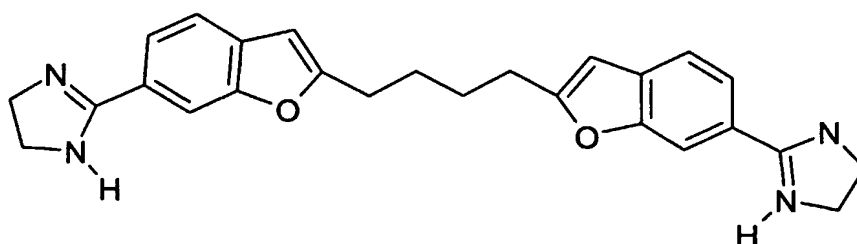
76. The compound according to Claim 75, wherein:

L is alkyl; and

R_1 and R_2 are each



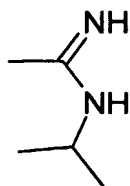
15 77. The compound according to Claim 76, wherein the compound has the following structure:



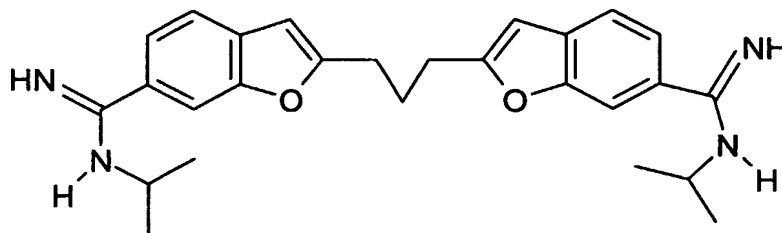
78. The compound according to Claim 76, wherein:

L is alkyl; and

20 R_1 and R_2 are each

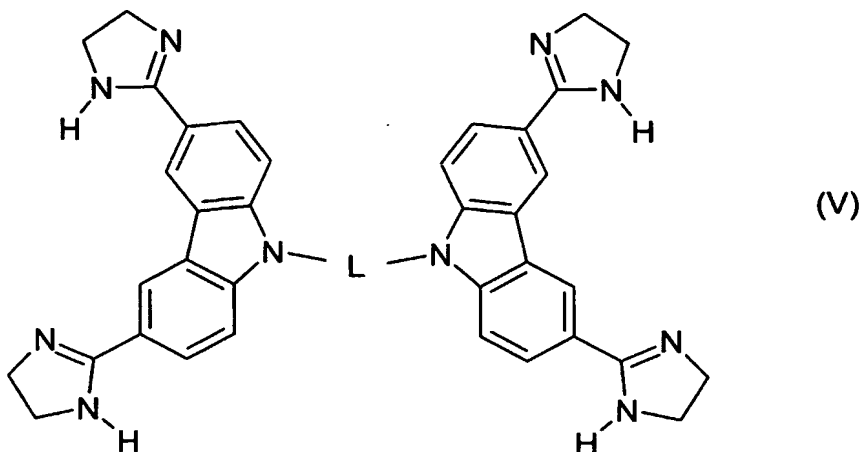


79. The compound according to Claim 78, wherein the compound has the following structure:



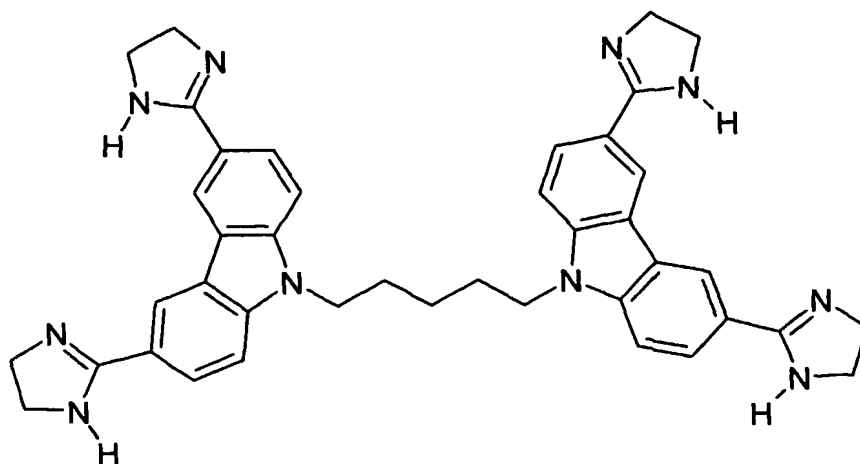
5

80. A compound having the general formula:

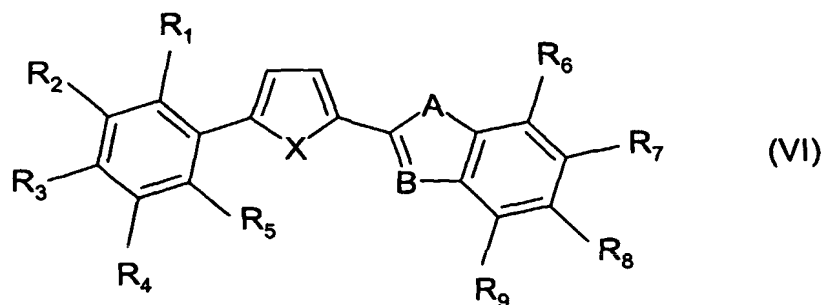


81. The compound according to Claim 80, wherein L is alkyl.

82. The compound according to Claim 81, wherein the compound has the following structure:



83. A compound having the general formula:



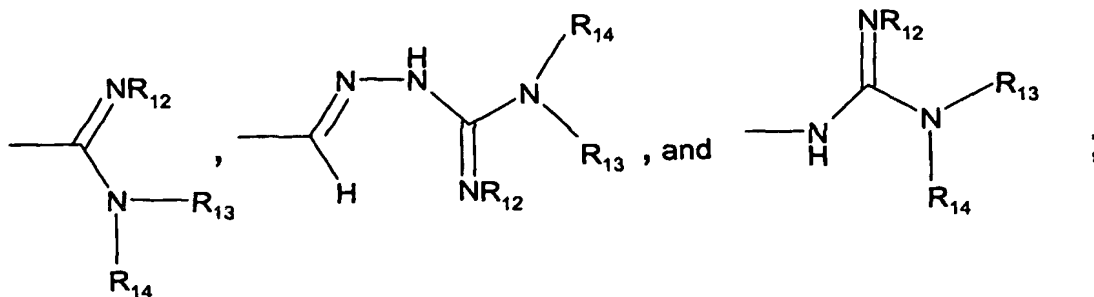
wherein:

5 X is oxygen;

A and B are each either nitrogen or oxygen;

R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, and R₉ are each independently selected from the group consisting of H, alkyl, hydroxyl, alkyloxy, oxyalkyl, halo, aryl, and Y, wherein at least one of R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₈, and R₉ is Y, and Y is

10 selected from the group consisting of:



wherein:

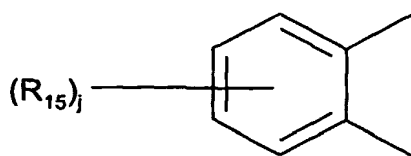
R₁₂ is selected from the group consisting of H, hydroxyl, cycloalkyl, aryl,

aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxyl, and alkylaminoalkyl;

R_{13} and R_{14} are each independently selected from the group consisting of H, hydroxyl, alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl;

or R_{12} and R_{13} together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or alkylene;

or R_{12} and R_{13} together are:



wherein:

j is an integer from 1 to 3, and R_{15} is H or Y, as set forth above.

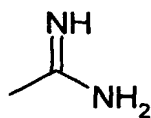
84. The compound according to Claim 83, wherein:

X is oxygen;

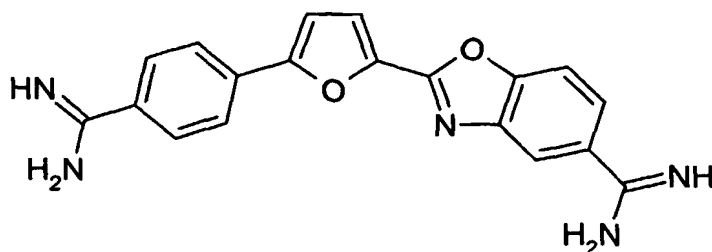
A is oxygen;

B is nitrogen; and

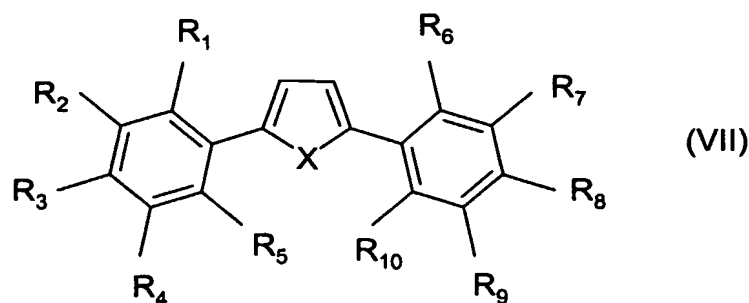
R_3 and R_8 are each



85. The compound according to Claim 84, wherein the compound has the following structure:



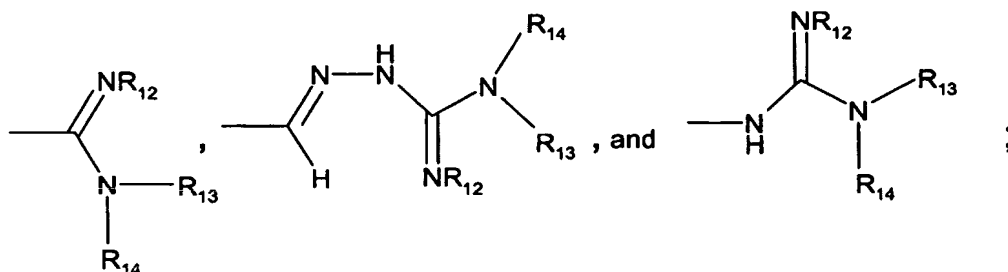
86. A compound having the general formula:



wherein:

X is oxygen; and

- 5 R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , R_7 , R_8 , R_9 , and R_{10} are each independently selected from the group consisting of H, alkyl, hydroxyl, oxyalkyl, alkyloxy, alkylthio, halo, aryl, and Y, wherein at least one of R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , R_7 , R_8 , R_9 , and R_{10} is Y, and Y is selected from the group consisting of:



wherein:

- 10 R_{12} is selected from the group consisting of H, hydroxyl, cycloalkyl, aryl, aralkyl, alkoxyl, hydroxycycloalkyl, alkoxycycloalkyl, hydroxyalkyl, aminoalkyl, acyloxy, and alkylaminoalkyl;

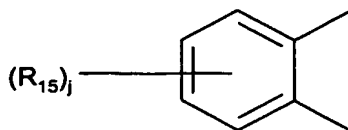
- R_{13} and R_{14} are each independently selected from the group consisting of H, hydroxyl, alkyl, alkoxyalkyl, cycloalkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, and alkylaminoalkyl;

or R_{13} and R_{14} together are:



or R_{12} and R_{13} together represent a C_2 to C_{10} alkyl, hydroxyalkyl, or alkylene;

or R_{12} and R_{13} together are:



wherein:

j is an integer from 1 to 3, and R_{15} is H or Y, as set forth above.

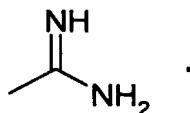
5

87. The compound according to Claim 86, wherein:

X is oxygen;

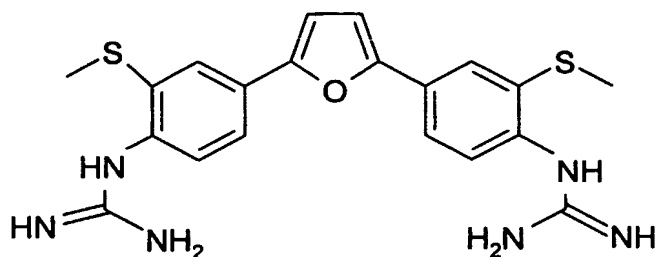
R_2 and R_7 are each alkylthio; and

R_3 and R_8 are each



10

88. The compound according to Claim 87, wherein the compound has the following structure:



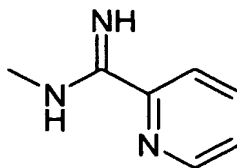
89. The compound according to Claim 86, wherein:

X is oxygen;

R_1 and R_6 are hydroxyl;

and R_3 and R_8 are each:

15



90. The compound according to Claim 89, wherein the compound has the following structure:

